

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	497	((562/4) or (568/558) or (568/560)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 10:21
L2	20043	mixed near2 anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:21
L3	150554	(hydrogen near2 peroxide) or hydroperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:22
L4	7	I1 and I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:22

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	(""1133727") or ("3718675") or ("6610880") or ("3835203") or ("3819688").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:52
L2	20043	mixed near2 anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:52
L3	150554	(hydrogen near2 peroxide) or hydroperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:53
L4	3348	I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:53
L5	20006	peracid or (peroxy near2 acid) or diacylperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:54
L6	730	I4 and I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:54
L7	211	I2 same I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:55
L8	45	I6 and I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:55

10/616,007

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NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 6 SEP 27 STANDARDS will no longer be available on STN
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN
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NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current
search transcripts to be affected by CERAB, COMPUAB, ELCOM,
and SOLIDSTATE reloads

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'REGISTRY' ENTERED AT 10:14:01 ON 30 NOV 2004
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STRUCTURE FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8
DICTIONARY FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more
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=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END) :end

=>
Uploading C:\Program Files\Stnexp\Queries\616007a.str



chain nodes :

1 2 3 4 5 6 7 8

chain bonds :

1-2 2-3 2-4 4-5 5-6 5-7 7-8

exact/norm bonds :

2-3 2-4 4-5 5-6 5-7 7-8

exact bonds :

1-2

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

L1 STRUCTURE uploaded

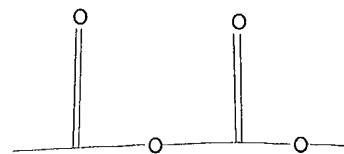
=> que L1

L2 QUE L1 .

=> d

L2 HAS NO ANSWERS

L1 STR



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Structure attributes must be viewed using STN Express query preparation.
L2 OUE L1

=> s 12
SAMPLE SEARCH INITIATED 10:14:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 451 TO ITERATE

100.0% PROCESSED 451 ITERATIONS 33 ANSWERS
SEARCH TIME: 00.00.01

| | | | |
|------------------------|--------|--------------|-------|
| FULL FILE PROJECTIONS: | ONLINE | **COMPLETE** | |
| | BATCH | **COMPLETE** | |
| PROJECTED ITERATIONS: | 7746 | TO | 10294 |
| PROJECTED ANSWERS: | 316 | TO | 1004 |

L3 33 SEA SSS SAM L1

=> s 12 ful
FULL SEARCH INITIATED 10:14:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8849 TO ITERATE

100.0% PROCESSED 8849 ITERATIONS 950 ANSWERS
SEARCH TIME: 00.00.01

L4 950 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 10:14:37 ON 30 NOV 2004
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FILE COVERS 1907 - 30 Nov 2004 VOL 141 ISS 23
FILE LAST UPDATED: 28 Nov 2004 (20041128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14
L5 661 L4

=> s 14 and (peroxy acid or peracid or diacylperoxide)
661 L4

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14625 PEROXY
3905326 ACID
1121 PEROXY ACID
(PEROXY(W) ACID)
2215 PERACID
16 DIACYLPEROXIDE
L6 2 L4 AND (PEROXY ACID OR PERACID OR DIACYLPEROXIDE)

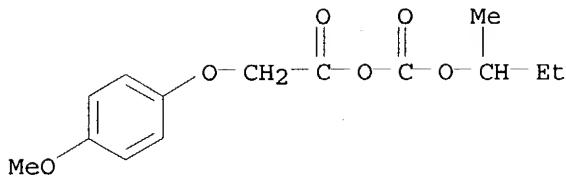
=> dup rem 16
PROCESSING COMPLETED FOR L6
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 1-2 bib fhitstr

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:283922 CAPLUS
DN 134:295413
TI Process for preparing peroxides using mixed anhydrides
IN Overkamp, Johannes Willibrordus Antonius; Tammer, Marinus Catharinus; De Vries, Bernhard; Bovenkamp-Bouwman, Anne Gerdine
PA Akzo Nobel N.V., Neth.
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

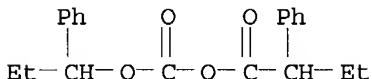
| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2001027078 | A1 | 20010419 | WO 2000-EP9927 | 20001009 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP | 1220837 | A1 | 20020710 | EP 2000-966146 | 20001009 |
| EP | 1220837 | B1 | 20040818 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| JP | 2003511440 | T2 | 20030325 | JP 2001-530099 | 20001009 |
| US | 6610880 | B1 | 20030826 | US 2000-686785 | 20001011 |
| US | 2004049070 | A1 | 20040311 | US 2003-616007 | 20030709 |
| PRAI | EP 1999-203364 | A | 19991013 | | |
| | US 1999-171409P | P | 19991221 | | |
| | WO 2000-EP9927 | W | 20001009 | | |
| | US 2000-686785 | A3 | 20001011 | | |
| OS | CASREACT 134:295413; MARPAT 134:295413 | | | | |
| IT | 334513-47-2 | | | | |
| | RL: RCT (Reactant); RACT (Reactant or reagent)
(process for preparing peroxides using mixed anhydrides) | | | | |
| RN | 334513-47-2 CAPLUS | | | | |
| CN | Acetic acid, (4-methoxyphenoxy)-, anhydride with 1-methylpropyl hydrogen carbonate (9CI) (CA INDEX NAME) | | | | |

10/616,007



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:3467 CAPLUS
DN 78:3467
TI Reactions of m-chloroperoxybenzoic and p-nitroperoxybenzoic acids with carboxylic acid chlorides. Decomposition mechanisms of p-nitrobenzoyl-2-phenylbutanoyl peroxide
AU Nicolas, Louisette; Beugelmans-Verrier, Michele; Vilkas, Michel
CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, Fr.
SO Bulletin de la Societe Chimique de France (1972), (7), 2732-43
CODEN: BSCFAS; ISSN: 0037-8968
DT Journal
LA French
IT 39651-66-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and decomposition of)
RN 39651-66-6 CAPLUS
CN Benzeneacetic acid, α -ethyl-, anhydride with 1-phenylpropyl hydrogen carbonate (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 10:13:48 ON 30 NOV 2004)

FILE 'REGISTRY' ENTERED AT 10:14:01 ON 30 NOV 2004

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 33 S L2
L4 950 S L2 FUL

FILE 'CAPLUS' ENTERED AT 10:14:37 ON 30 NOV 2004

L5 661 S L4
L6 2 S L4 AND (PEROXY ACID OR PERACID OR DIACYLPEROXIDE)
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> s 17 and (hydroperoxide or hydrogen peroxide)

L8 2 S L7
30790 HYDROPEROXIDE
847063 HYDROGEN
186355 PEROXIDE
96793 HYDROGEN PEROXIDE
(HYDROGEN (W) PEROXIDE)

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L9 1 L8 AND (HYDROPEROXIDE OR HYDROGEN PEROXIDE)

=> d ti

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
TI Process for preparing peroxides using mixed anhydrides

=> log y

COST IN U.S. DOLLARS

| | SINCE FILE | TOTAL |
|---------------------|------------|---------|
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 21.79 | 177.42 |

STN INTERNATIONAL LOGOFF AT 10:17:39 ON 30 NOV 2004